Recombinant human Interferon alpha 2 protein (Active) ab200262

Overview

Product name: Recombinant human Interferon alpha 2 protein (Active)
Protein length: Full length protein

Description

Nature: Recombinant
Source: Escherichia coli
Amino Acid Sequence
Accession: P01563
Species: Human
Sequence:

CDLPQTHSLGSRRTLMALLAQMRKISLFSCLKDRHDFG
FPQEEFGNQFQKA
ETIPVHEMIQQIFNLFSTKDSSAAWDETLLDKFYTELY
QQLNDLEACVI
QGVGVTETPLMKED SILAVRKYQRTILY LKEKKYSPCA
WEVVRAEIMRS FSLSTNLQESLRSKE

Molecular weight: 19 kDa
Amino acids: 24 to 188

Additional sequence information: This product is for the mature full length protein without the signal peptide.

Specifications

Our Abpromise guarantee covers the use of ab200262 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity: The specific activity as determined in a viral resistance assay was found to be no less than 1.0 x 10^8 IU/mg.

Applications:
- HPLC
- SDS-PAGE
- Functional Studies

Endotoxin level: < 1.000 Eu/µg
Purity > 97% SDS-PAGE. Purity is determined by SDS-PAGE and HPLC analyses.

Form Lyophilised

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze/thaw cycle.

pH: 7.40
Constituent: 100% PBS

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

General Info

Function Produced by macrophages, IFN-alpha have antiviral activities.

Sequence similarities Belongs to the alpha/beta interferon family.

Cellular localization Secreted.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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